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TITLE

FLUOROAN COMPOUND, AND

RECORDING MATERIAL SAME AND THERMOCHROMIC MATERIAL EACH

CONTAINING THE SAME

$$\mathbb{R}^{3} \longrightarrow \mathbb{R}^{4}$$

ABSTRACT: PURPOSE: To obtain a new fluoran compound which is used for a recording material or a thermochromic material and develops a color by reaction with an electron-accepting color developer by using a specified fluoran compound.

> CONSTITUTION: This compound is a fluoran compound represented by the formula (wherein R₁ and R₂ are each H, alkyl, alkoxy-alkyl, tetrafurfuryl or (substituted) phenyl, provided that they may be combined with each other to form a heterocyclic ring together with the nitrogen atom; R₃ is H or lower alkyl; and R₄ is a 2-6 C bivalent hydrocarbon group). It is desirable that R₁ and R₃ are independent of each other and are each H, 1-6 C linear or branched alkyl, 5-7 C cycloalkyl, 3-6 C alkoxyalkyl, tetrahydrofurfuryl or phenyl or that R₁ and R₂ are combined with each other to form pyrrolidino or piperidino together with the bonded nitrogen atom. It is also desirable that R3 is hydrogen or methyl and R4 is 2-5 C linear or branched alkylene.

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